



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

## NOTICE OF ACCEPTANCE (NOA)

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**Therma-Tru Corp.**  
**1687 Woodlands Drive**  
**Maumee, OH 43537**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: "Fiber Classic" / "Smooth Star" 8'0 Outswing Opaque Fiberglass Door w/Sidelites

**APPROVAL DOCUMENT:** Drawing No. S-2097, titled "Fiber Classic"/ "Smooth Star" Up To 105.5" x 8-0 w/& w/out 14" SL, Outswing", sheets 1 through 7, dated 3/18/02, with revision #2 dated 7/18/02, prepared by RW Building Consultants, Inc., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

### MISSILE IMPACT RATING: None

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P. E.**



NOA No 02-0109.03  
Expiration Date: September 12, 2007  
Approval Date: September 12, 2002  
Page 1

**THERMA-TRU®**  
**"FIBER CLASSIC" / "SMOOTH STAR"**  
**FIBERGLASS DOOR**  
8'0" OUTSWING WITH & WITHOUT SIDELITES

**GENERAL NOTES**

1. THIS PRODUCT IS DESIGNED TO MEET FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH WIND ZONE VELOCITY AREA WITH THE USE OF THE HIGH DAM BUMP THRESHOLD.
6. WHEN THIS PRODUCT IS USED IN AREAS REQUIRING WIND BORN DEBRIS PRODUCTS, FLORIDA BUILDING CODE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED.
7. SIDELITES ARE AN OPTION AND CAN BE USED IN A SINGLE OR DOUBLE CONFIGURATION.

**RESIDENTIAL INSULATED FIBERGLASS DOOR**  
(Common to all frame conditions)

**Door & Sidelite Leaf Construction:**

**Face sheets:** Fiberglass avg. min. yield strength  $FY = 6,000$  psi  
SmoothStar Sash Skin - 0.070" minimum skin thickness  
FiberClassic Panel Skin - 0.110" minimum skin thickness  
**Core design:** Polyurethane foam core,  
with 1.9 lbs. density by BASF.

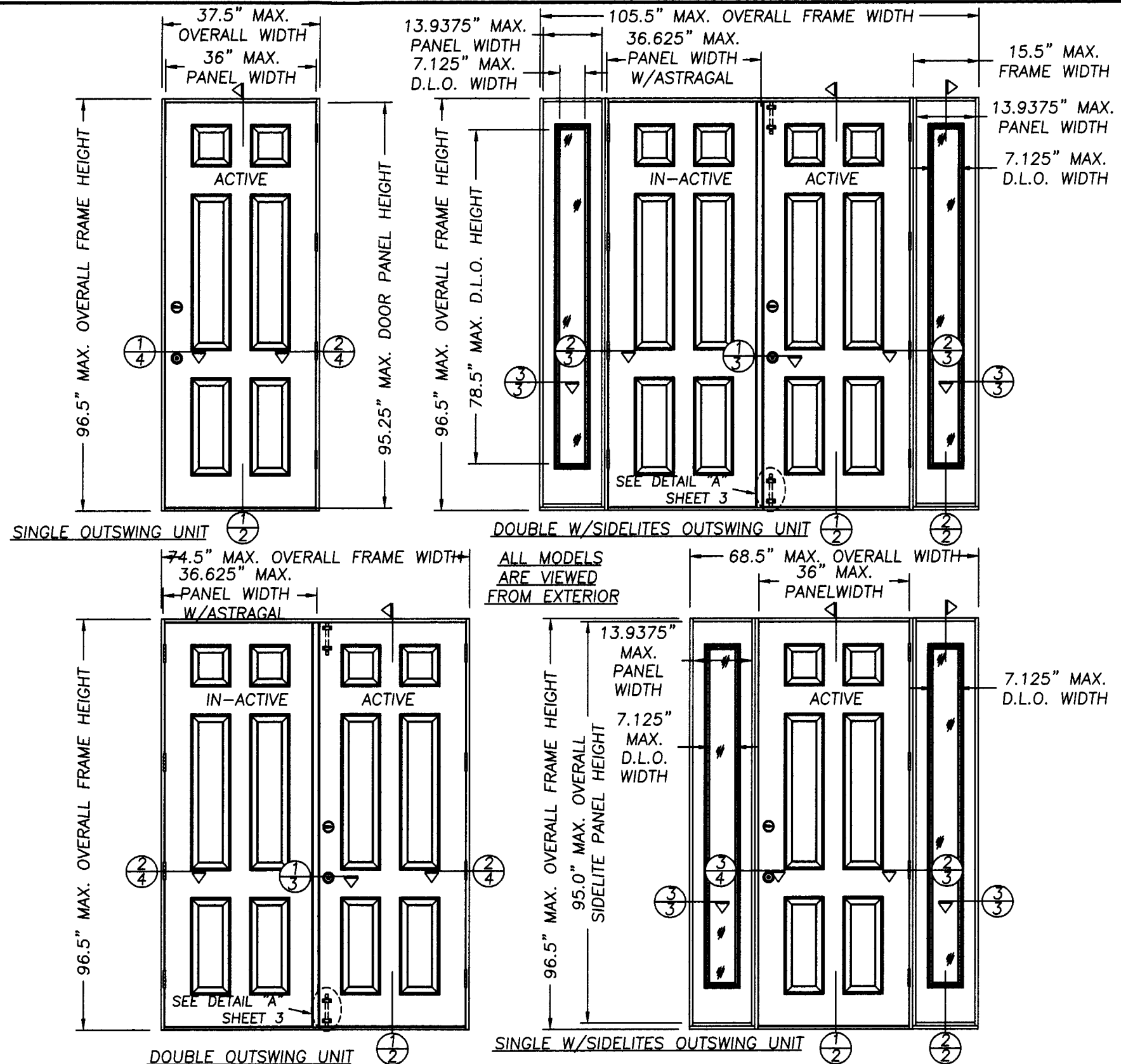
**Panel Construction:** The panel skin is constructed from a 0.070" for SmoothStar and 0.110" thk. for FiberClassic sheet molding compound (SMC). The interior cavity is filled with 1.9 lbs. density BASF polyurethane foam. The panel face sheets are glued to the wood stiles and rails. In the "FiberClassic" model the LVL latch stile is reinforced with a wood lock block measuring 2.375" x 14.0" long at the strike and deadbolt location. In the "Smooth Star" model the latch stile is a one piece composite stile and strike lock block measuring 1.531" x 4.024" thk. running the length of the doors latch stile. The hinge stile is Finger Jointed Pine and the top and bottom rail are of a wood composite material. In the double door application the inactive door is fitted with an extruded aluminum astragal of 6060-T6 alloy.

**Frame Construction:** The frame is constructed from finger jointed pine. The header is joined to the side jambs with (3) #8 x 2 1/2" long Phillips flathead screw at each side. The mullions are secured together in a sidelite application using #8 x 2" long PFH Wood Screws (6) screws per each mullion. The units uses an Outswing Bumpface threshold, either a Low Profile or High Water Dam type.

**Sidelite Glazing:** The sidelite panels are sandwich glazed using a two piece lip lit frame. They are dry glazed on the exterior with an 1/8" thk. cellular glazing tape, (Stik-It Tape) & Dow 795 Silicone. The lite frames are held together with a #8 x 1 1/2" long Plascrow or a #6-18 1 3/4" long PFH screw.

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SHEET #	DESCRIPTION
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4	HORIZONTAL CROSS SECTIONS & NOTES
5	ANCHORING LOCATIONS & DETAILS
6	ANCHORING LOCATIONS & GLAZING DETAILS
7	UNIT COMPONENTS



DESIGN PRESSURE RATING (WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED)			
UNIT TYPE	WITHOUT SURFACE BOLTS	WITH SURFACE BOLTS	
SINGLE	+ 67.0 PSF - 67.0 PSF	///	
DOUBLE	+ 47.0 PSF - 47.0 PSF	+ 60.0 PSF - 60.0 PSF	
SINGLE & DOUBLE WITH SIDELITES	+ 47.0 PSF - 47.0 PSF	+ 60.0 PSF - 60.0 PSF	

NOTE: LOW PROFILE BUMP THRESHOLD DOES NOT MEET WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES".

Approved as complying with the  
Florida Building Code  
Date **SEPT. 12, 2007**  
NOA# **02-0109.03**  
Miami Dade Product Control  
Division  
By *Manuel*

DATE: 11/08/01

SCALE: N.T.S.

DWG. BY: TJH

CHK. BY: RW

DRAWING NO.: S-2097

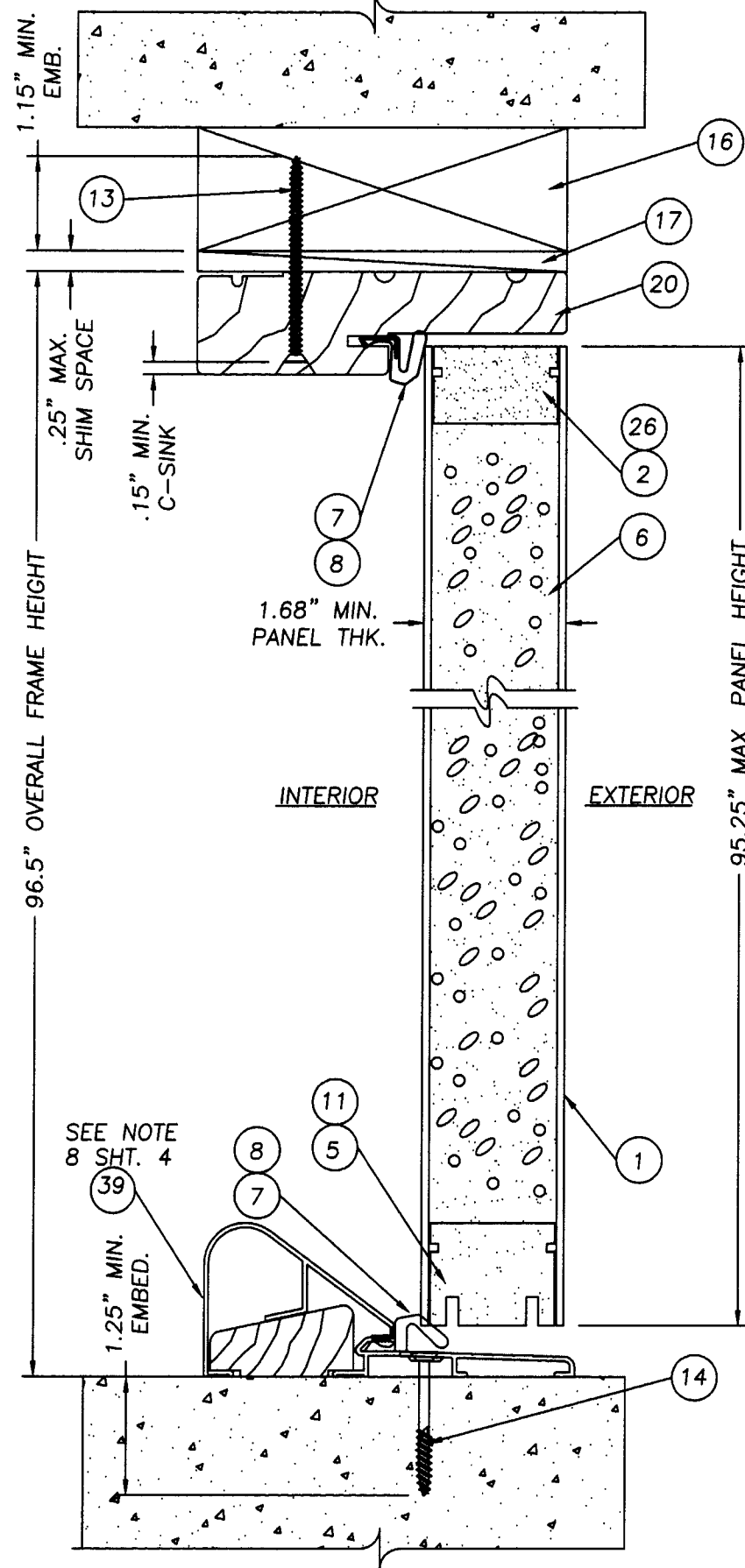
SHEET 1 OF 7

**THERMA-TRU CORPORATION**  
1687 WOODLANDS DRIVE  
MAUMEE, OHIO  
PH. (800) 537-8827

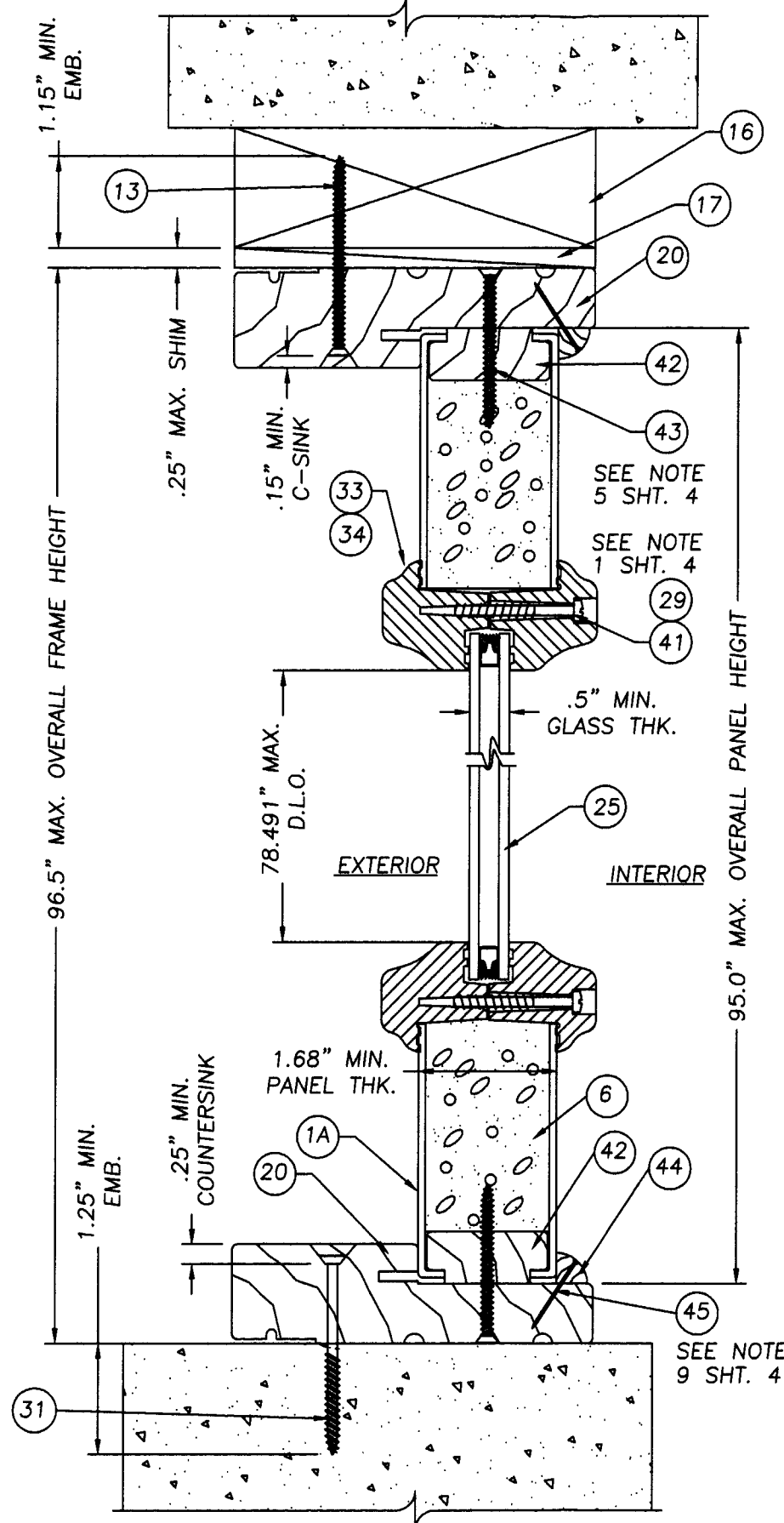
PRODUCT: "FIBER CLASSIC" / "SMOOTH STAR" UPTO 105.5" x 8'-0" W&W/OUT 14" SL, OUTSWING  
PART OR ASSEMBLY:  
TYPICAL ELEVATIONS & GENERAL NOTES

NO.	DATE	REVISIONS
2	7/18/02	CLARIFY PRESSURES
1	3/18/02	GENERAL REVISION

**RW** BUILDING  
CONSULTANTS, INC.  
813.684.3831



1 VERTICAL CROSS SECTION  
2 DOOR PANEL



2 VERTICAL CROSS SECTION  
2 SIDELITE PANEL

Item	DESCRIPTION	Material
1	FIBERGLASS PANEL SKIN .110" MIN. THK. FIBERGLASS BY THERMA-TRU with yield strength $F_y(\text{min.})=6,000$ psi	FIBERGLASS
1A	SMOOTHSTAR SASH SKIN .070" MIN. THK. FIBERGLASS BY THERMA-TRU with yield strength $F_y(\text{min.})=6,000$ psi	FIBERGLASS
2	FC. TOP RAIL (1.531" x .94" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
3	FC. LATCH STILE (THERMA-TRU, WOOD COMPOSITE 1.531" x 1.209")	WOOD COMPOSITE
4	FC. HINGE STILE (THERMA-TRU, PONDEROSA PINE 1.531" x 1.209")	WOOD
5	FC. BOTTOM RAIL (1.531" x 1.25" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)	FOAM
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
9	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
10	#10 x 3/4" lg. PFH WOOD SCREW (Hinge to Frame)	STEEL
11	NOT USED	-
12	#10 x 2" LG. PFH WOOD SCREW	STEEL
13	#8 x 2 1/2" LG. PFH WOOD SCREW	STEEL
14	3/16" TAPCON ANCHOR (ELCO, 1.75" MIN. LG.)	STEEL
15	NOT USED	-
16	2x INNER WOOD BUCK	WOOD
17	MAX. 1/4" SHIM MATERIAL	WOOD
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK	-
19	ONE PIECE BUMP FACE THRESHOLD (THERMA-TRU)	ALUM./WOOD
20	4.563" x 1.25" HEADER (THERMA-TRU, PONDEROSA PINE)	WOOD
21	4.563" x 1.25" STRIKE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
22	4.563" x 1.25" HINGE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
23	KWIKSET TITAN 700 SERIES DEADBOLT	-
24	ASTRAGAL WINDJAMBER II WR80T (.052" WALL)	ALUM. 6060T-6
25	GLAZING, 1/2" INSULATED TEMPERED GLASS	GLASS
26	NOT USED	-
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW	STEEL
28	NOT USED	-
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM #33)	STEEL
30	FC WOOD LOCK BLOCK 2.375" x 1.515" (PONDEROSA PINE)	WOOD
31	3/16" TAPCON ANCHOR (ELCO, 2.5" MIN. LG.)	STEEL
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	-
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)	PVC
34	PLASTIC LIP LITE FRAME (SMC, THERMA-TRU)	SMC
35	4.563" x 1.25" BLANK JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
36	SIDELITE SIDE STILE (THERMA-TRU, 1.531" x .656" PONDEROSA PINE)	WOOD
37	#10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
38	NOT USED	-
39	HIGH WATER DAM THRESHOLD	ALUM.
40	SILICONE CAULK (DOW 795)	SILICONE
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34)	STEEL
42	SIDELITE TOP & BOTTOM RAIL (THERMA-TRU, 1.531" x .656" PONDEROSA PINE)	WOOD
43	#8 x 2" LG. PFH WOOD SCREW	STEEL
44	3/8" x 3/8" QUARTER ROUND FINGER JOINTED PINE	WOOD
45	1" L. x .040" DIA. BRAD TRIM NAIL	STEEL
46	NES SURFACE BOLT #454 8.0" L. x .25" THK. STEEL	-
47	1/4-20 SEX BOLT W/1/4-20 FEMALE END x 1 3/4" L	STEEL

Approved as complying with the  
Florida Building Code  
Date **SEPT. 12, 2002**  
NOA# **02-0109.03**  
Miami Dade Product Control  
Division  
By *[Signature]*

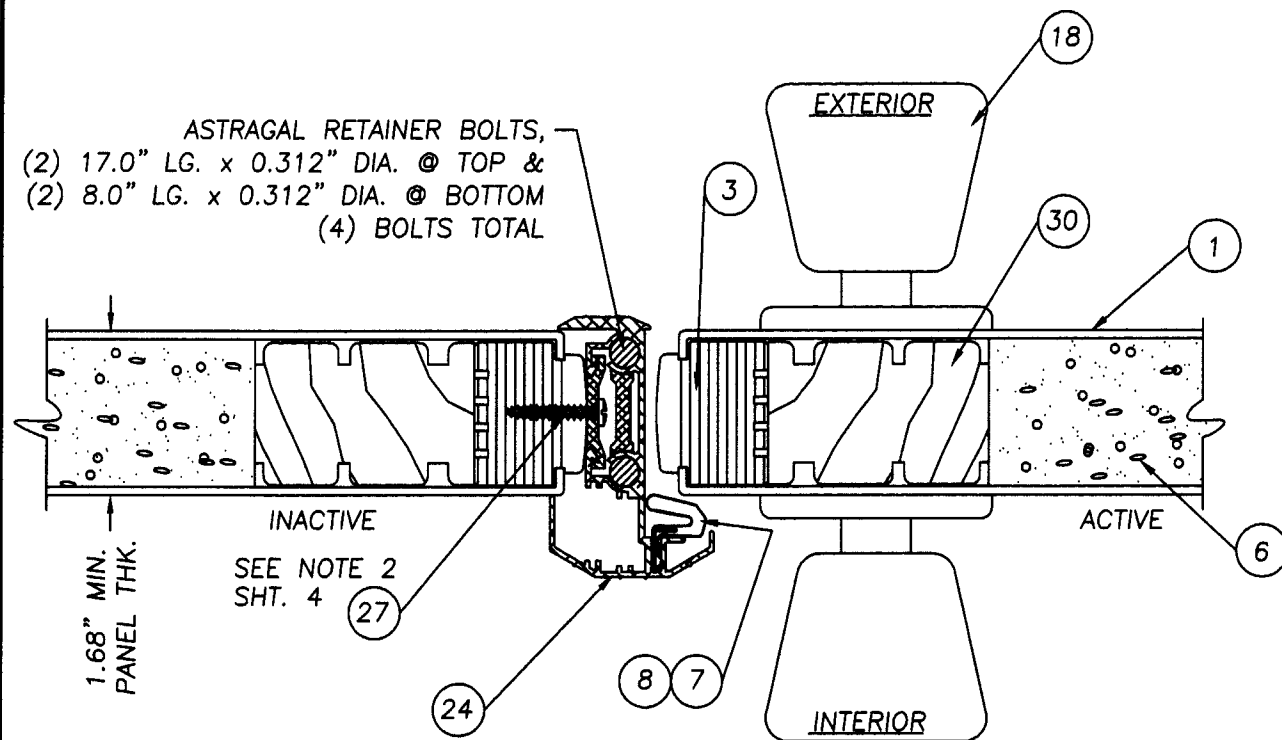
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SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2097  
SHEET 2 OF 7

THERMA-TRU CORPORATION  
1687 WOODLANDS DRIVE  
MAUMEE, OHIO  
PH. (800) 537-8827

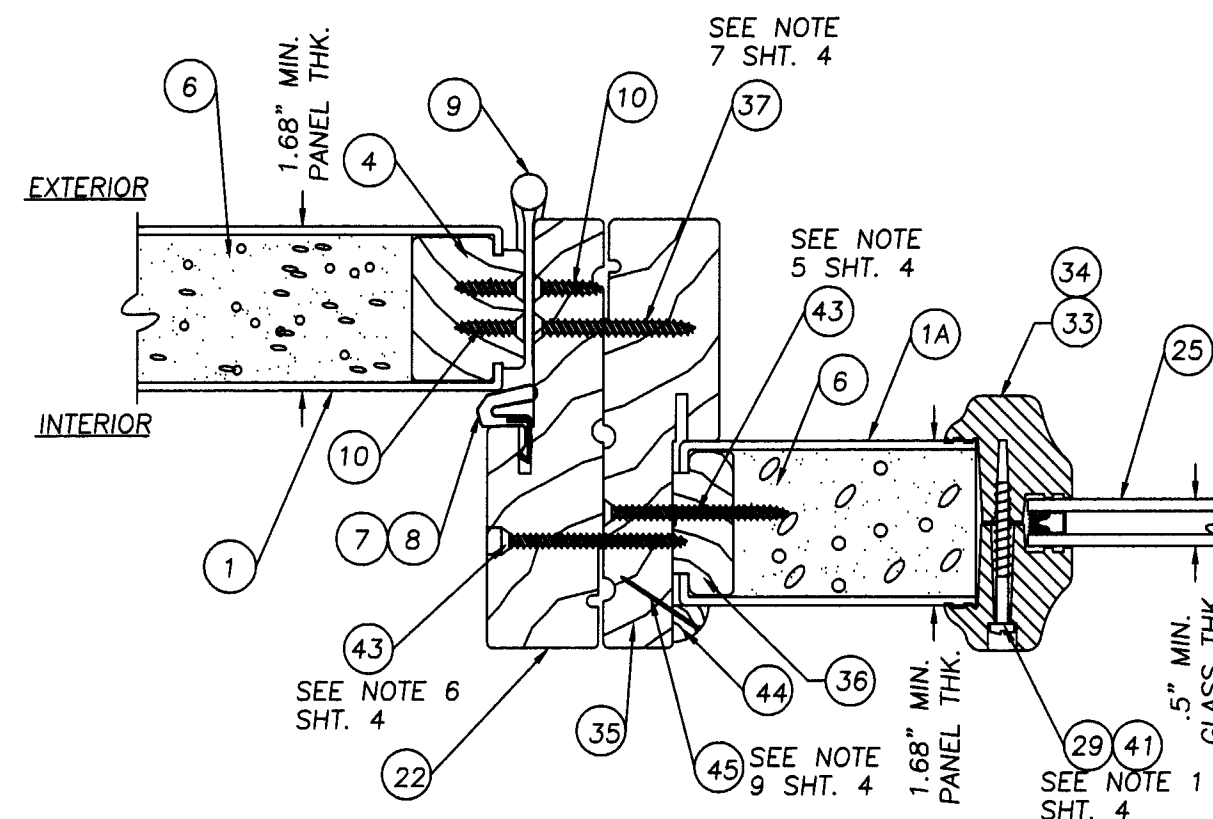
PRODUCT: "FIBER CLASSIC"/SMOOTH  
STAR" UPTO 105.5" x 8-0  
W&W/OUT 14" SL, OUTSWING  
PART OR ASSEMBLY:  
VERTICAL CROSS  
SECTIONS

REVISIONS  
NO. DATE BY  
2 7/18/02 CLARIFY PRESSURES RW  
1 3/18/02 GENERAL REVISION WLN  
NO. DATE BY

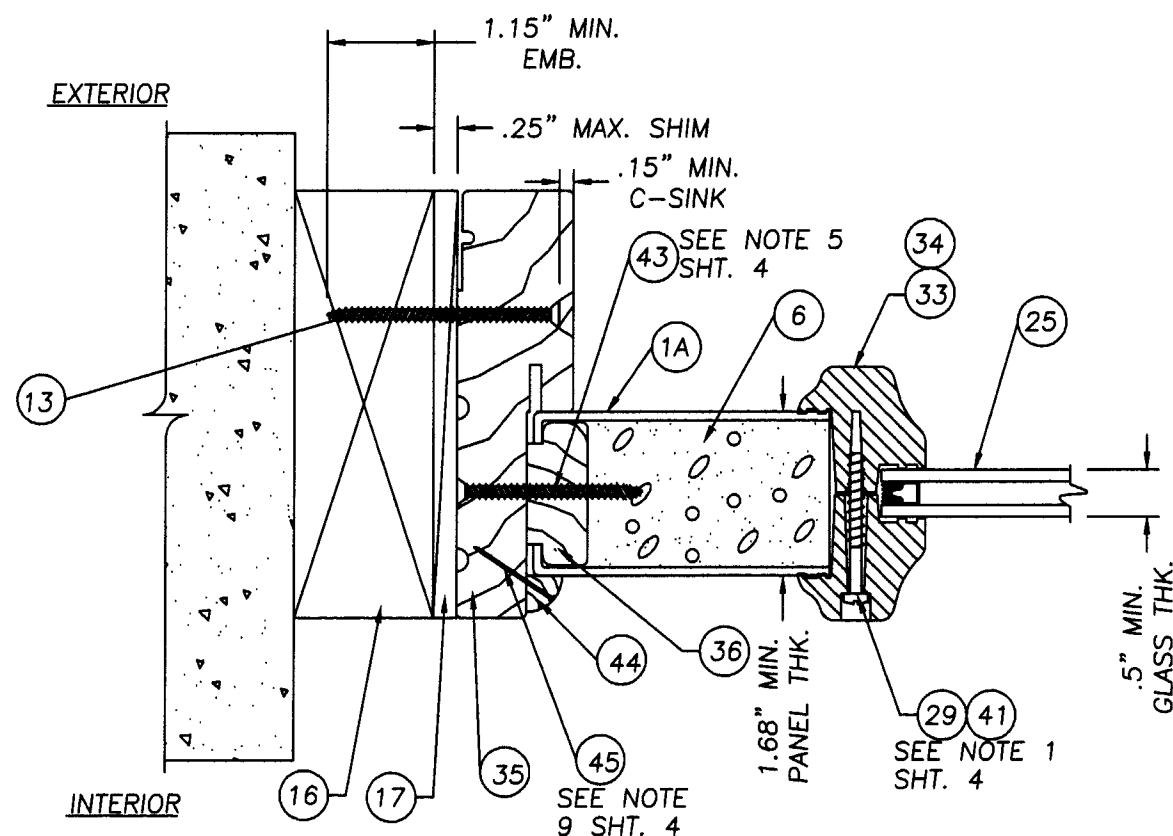
RW BUILDING  
CONSULTANTS, INC.  
813.684.3831



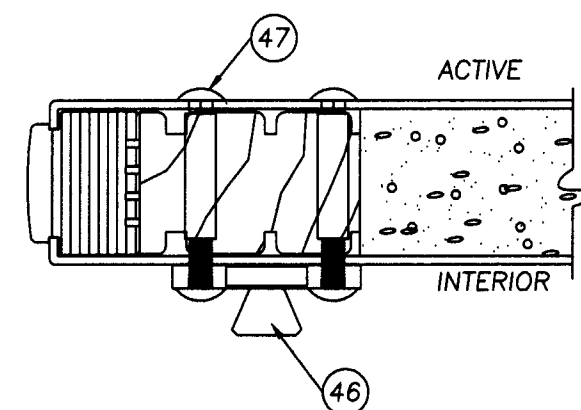
1 HORIZONTAL CROSS SECTION  
3 @ ASTRAGAL  
(SEE DESIGN PRESSURE CHART)



2 HORIZONTAL CROSS SECTION  
3 @ HINGE JAMB TO SIDELITE



3 HORIZONTAL CROSS SECTION  
3 @ SIDELITE TO BUCK



DETAIL "A"  
OPTIONAL SURFACE BOLTS IN ACTIVE PANEL  
(SEE DESIGN PRESSURE CHART)

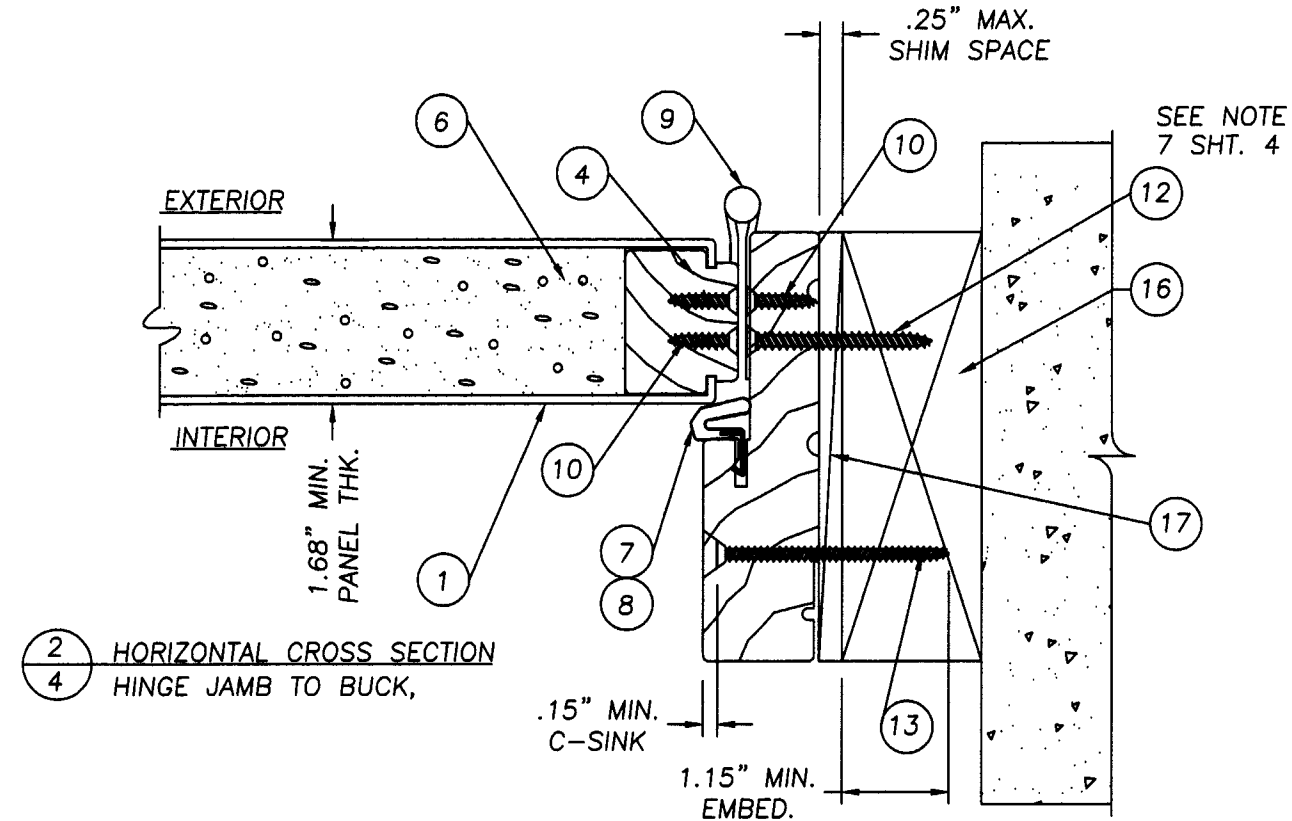
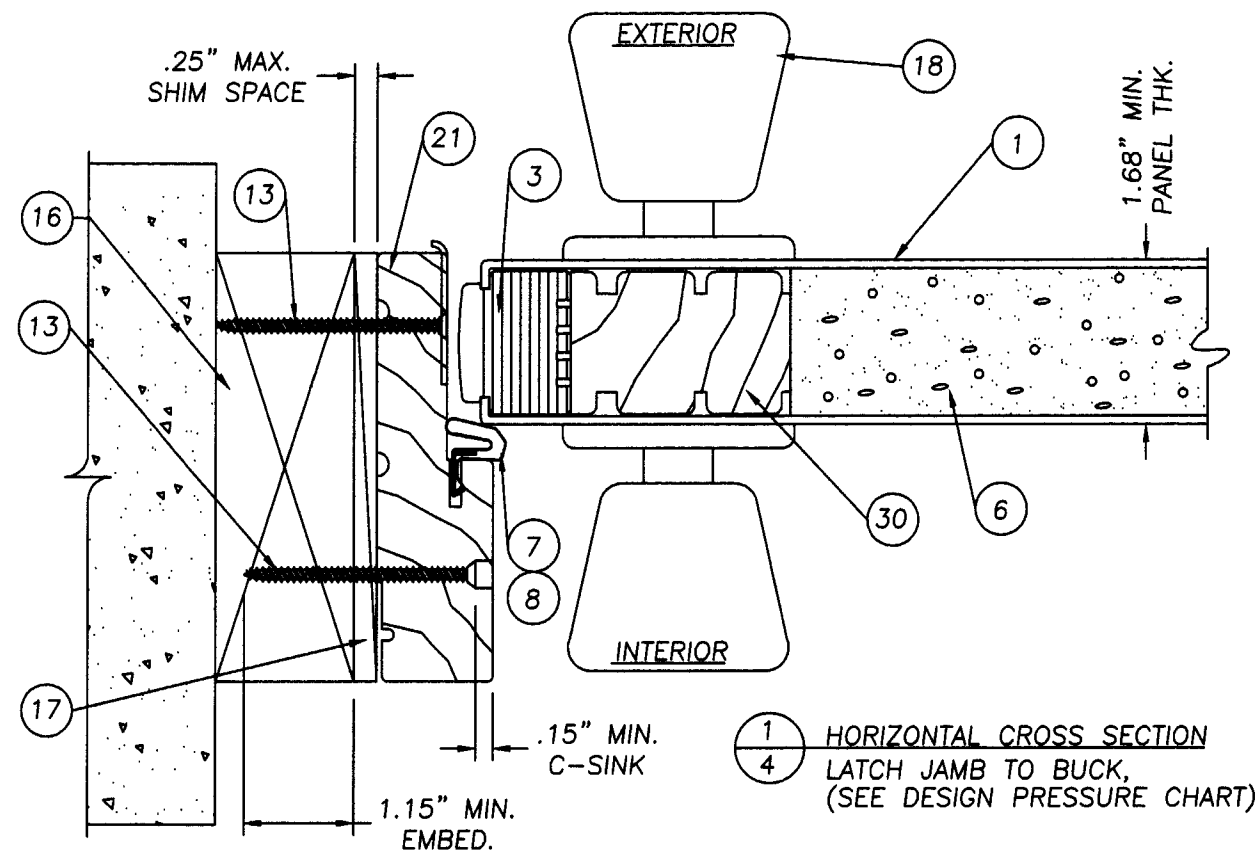
**THERMA-TRU CORPORATION**  
1687 WOODLANDS DRIVE  
MAUMEE, OHIO  
PH. (800) 537-8827

PRODUCT:		"FIBER CLASSIC"/"SMOOTH STAR" UP TO 105.5" x 8-0 W&W/OUT 14" SL, OUTSWING	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
		RW	WLN
2	7/18/02	CLARIFY PRESSURES	BY
1	3/18/02	GENERAL REVISION	DATE
NO.		REVISIONS	

**RW** BUILDING  
CONSULTANTS, INC.  
813.684.3831

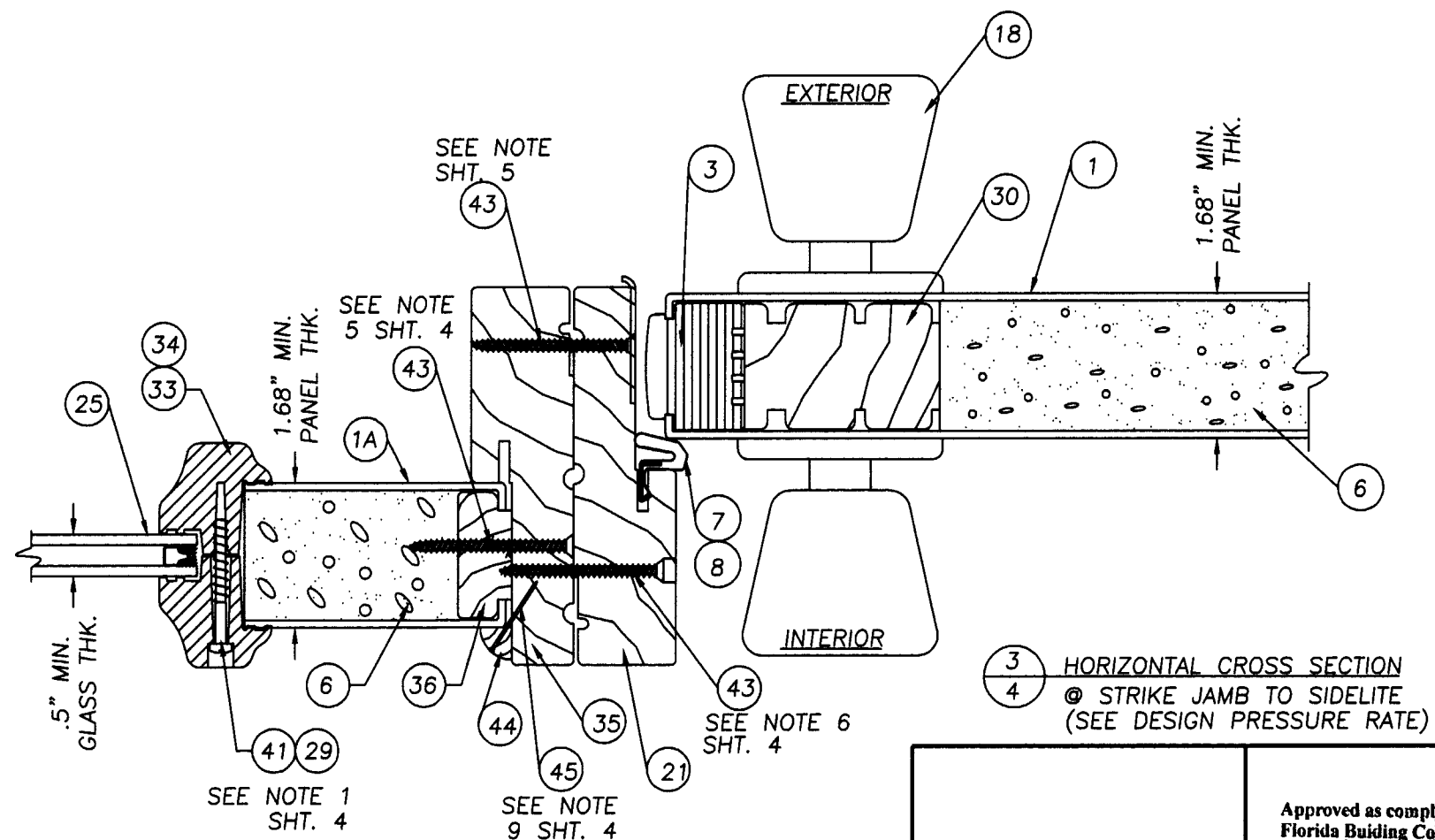
Approved as complying with the  
Florida Building Code  
Date SEPT. 12, 2002  
NOA# 02-0105.03  
Miami Dade Product Control  
Division  
By Manuel Sery

DATE: 11/08/01  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2097  
SHEET 3 OF 7



- NOTES:

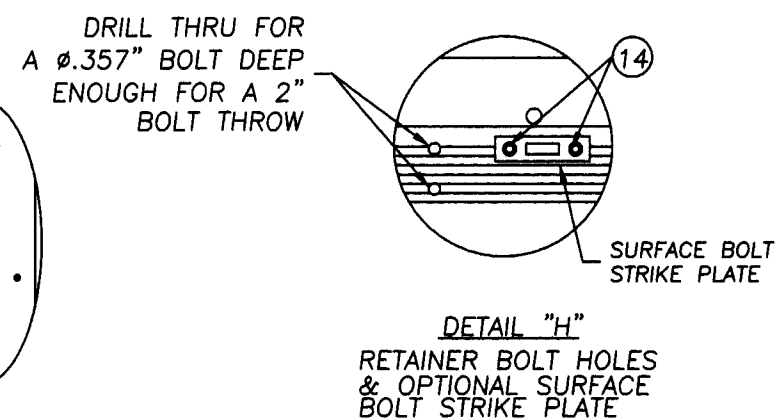
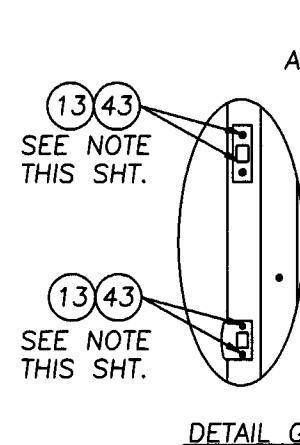
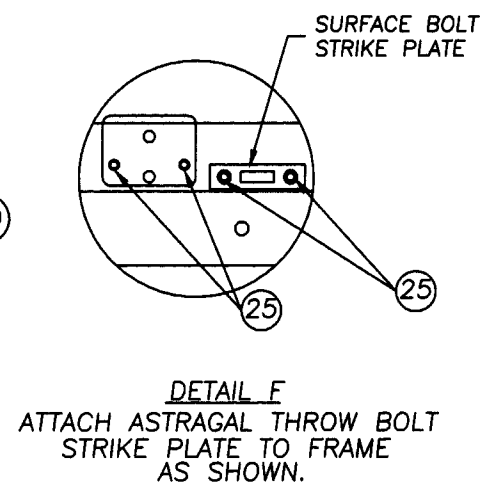
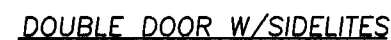
1. SPACING FOR ITEM #29 & #41 (LITE FRAME FRAME SCREWS) IS AS FOLLOWS: FROM THE BOTTOM UP ON SIDES; 6.5", WITH (7) MORE SPACED AT 9.875" O. C. THERE ARE (2) SCREW BOTH TOP AND BOTTOM AT 2.125" IN FROM EACH CORNER.
2. SPACING FOR ITEM #27 #8 x 1" PANHEAD SCREW ATTACHING THE ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE TOP DOWN 1", 3", 5", 18.25", 54" 77", 90.25" 94.25".
3. THE HEAD JAMB IS ATTACHED TO THE SIDE JAMBS WITH (3) #8 x 2.5" PFH WOOD SCREW
4. THE THRESHOLD IS ATTACHED TO THE SIDE JAMBS WITH (2) #8 x 2.5" PFH WOOD SCREW
5. THE SIDELITE IS DIRECT SET INTO THE JAMB WITH (12) ITEM #43 A #8 x 2" PFH. WOOD SCREW. THERE ARE (4) AT EACH VERTICAL JAMB, FROM THE TOP DOWN AT 13.5", 31", 48.5" 66". THERE ARE (2) AT THE HEADER AT 4" FROM THE OUTSIDE CORNERS OF THE FRAME. THERE ARE (2) AT THE SILL, 4" FROM THE OUTSIDE CORNERS.
6. SPACING FOR ITEM #43, A #8 x 2" SCREW SECURING THE MULLIONS TOGETHER IS THE SAME AS THE PERIMETER ANCHORING SCREWS. 6" DOWN FROM THE TOP AND UP FROM THE BOTTOM WITH (4) MORE SPACED AT 16.9" O.C.
7. WHEN ATTACHING THE HINGE TO THE JAMB AND THE BUCK USE ITEM #12 A #10 x 2" SCREW. WHEN ATTACHING THE HINGE TO THE JAMB AND THE SIDELITE AT THE MULLION USE ITEM #37 A #10 x 1 3/4" SCREW.
8. ITEM #39, THE HIGH DAM THRESHOLD IS ONLY USED IN AN APPLICATION WHERE A HIGHER WATER PRESSURE MUST BE ACHIEVED.
9. SPACING FOR ITEM #45, THE BRAD TRIM NAIL SECURING THE QUARTER ROUND TO THE SIDELITE FRAME IS AS FOLLOWS: 2.0" FROM ALL ENDS AND A MAX. OF 12.0" O.C.

[illegible]

**RW BUILDING  
CONSULTANTS, INC.**  
813.684.3831

DATE: 11/08/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2097
SHEET 4 OF 7

Approved as complying with the  
Florida Building Code  
Date SEPT. 12 2002  
NOA# 02-0109.03  
Miami Dade Product Control  
Division  
By [Signature]



NOTE:  
USE #8 x 2 1/2" PFH WOOD SCREW TO ATTACH THE STRIKE AND DEADBOLT PLATES TO THE JAMB OR ASTRAGAL EXCEPT IN THE MULLED APPLICATION WITH THE SIDELITE USE #8 x 2" PFH WOOD SCREW.

Approved as complying with the  
Florida Building Code  
Date SEPT. 12, 2002  
NOA# 02-0109-03  
Miami Dade Product Control  
Division  
By Maurice Perez

[illegible]

**RW BUILDING  
CONSULTANTS, INC.**  
813.684.3831

DATE: 11/08/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2097
SHEET 5 OF 7

**THERMA-TRU CORPORATION**  
1687 WOODLANDS DRIVE  
MAUMEE, OHIO  
PH. (800) 537-8827

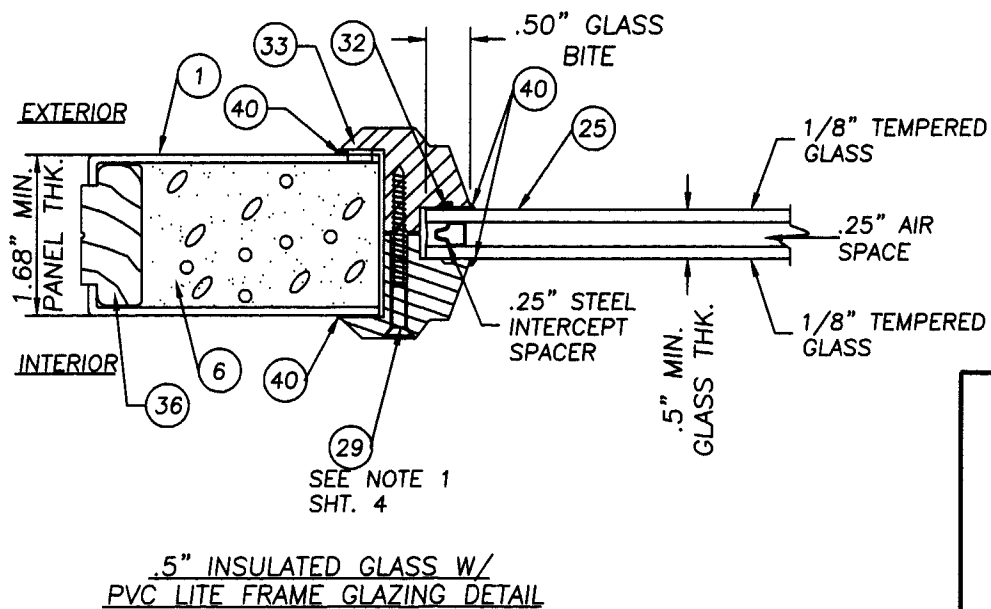
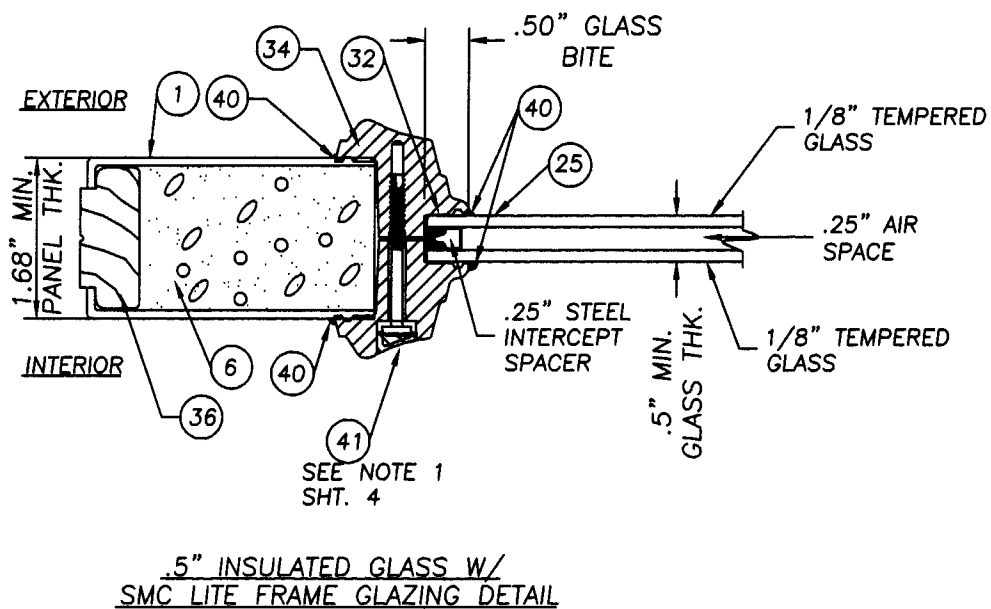
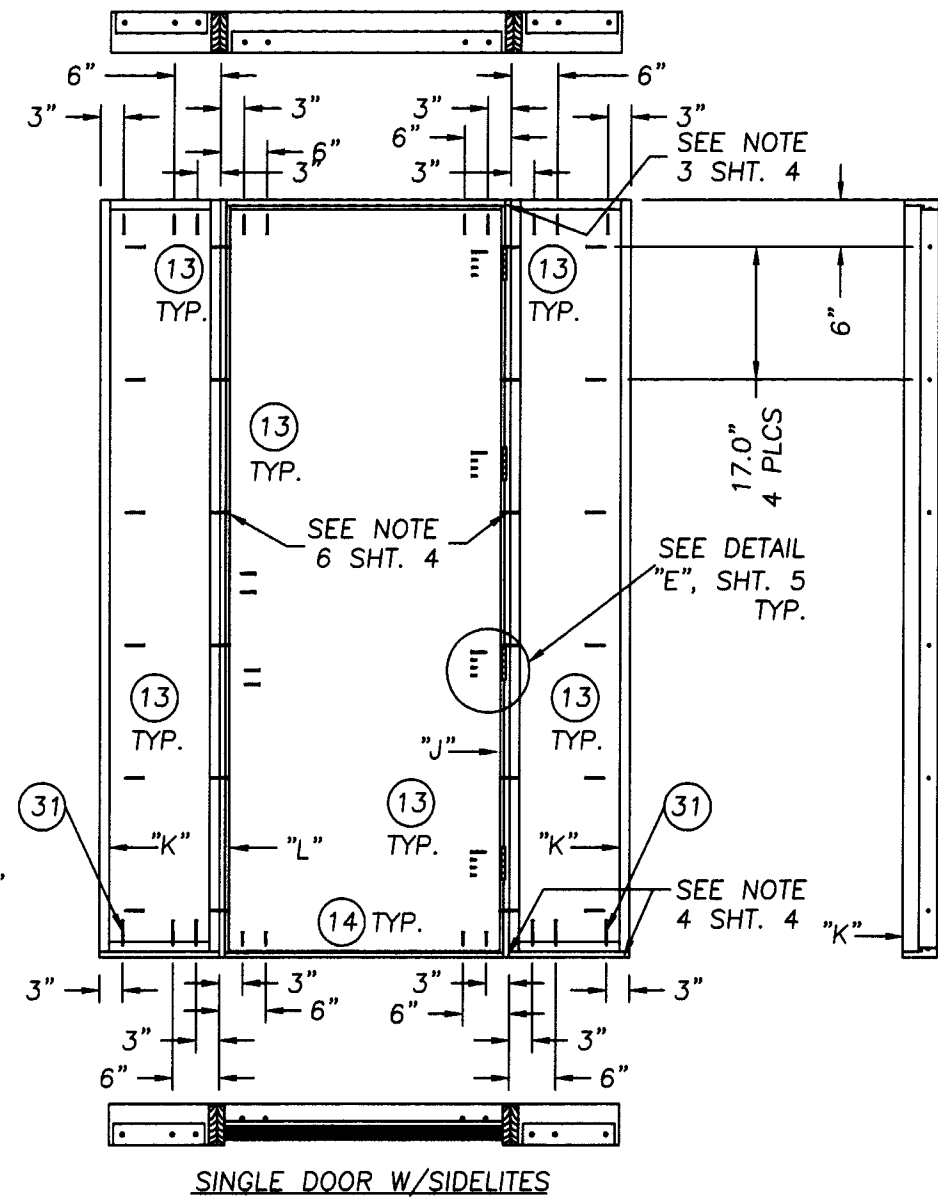
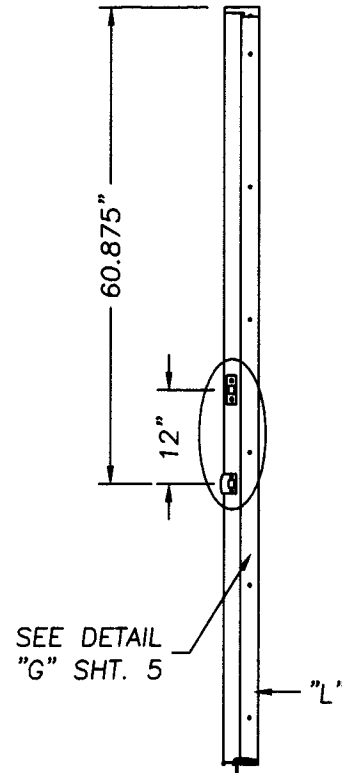
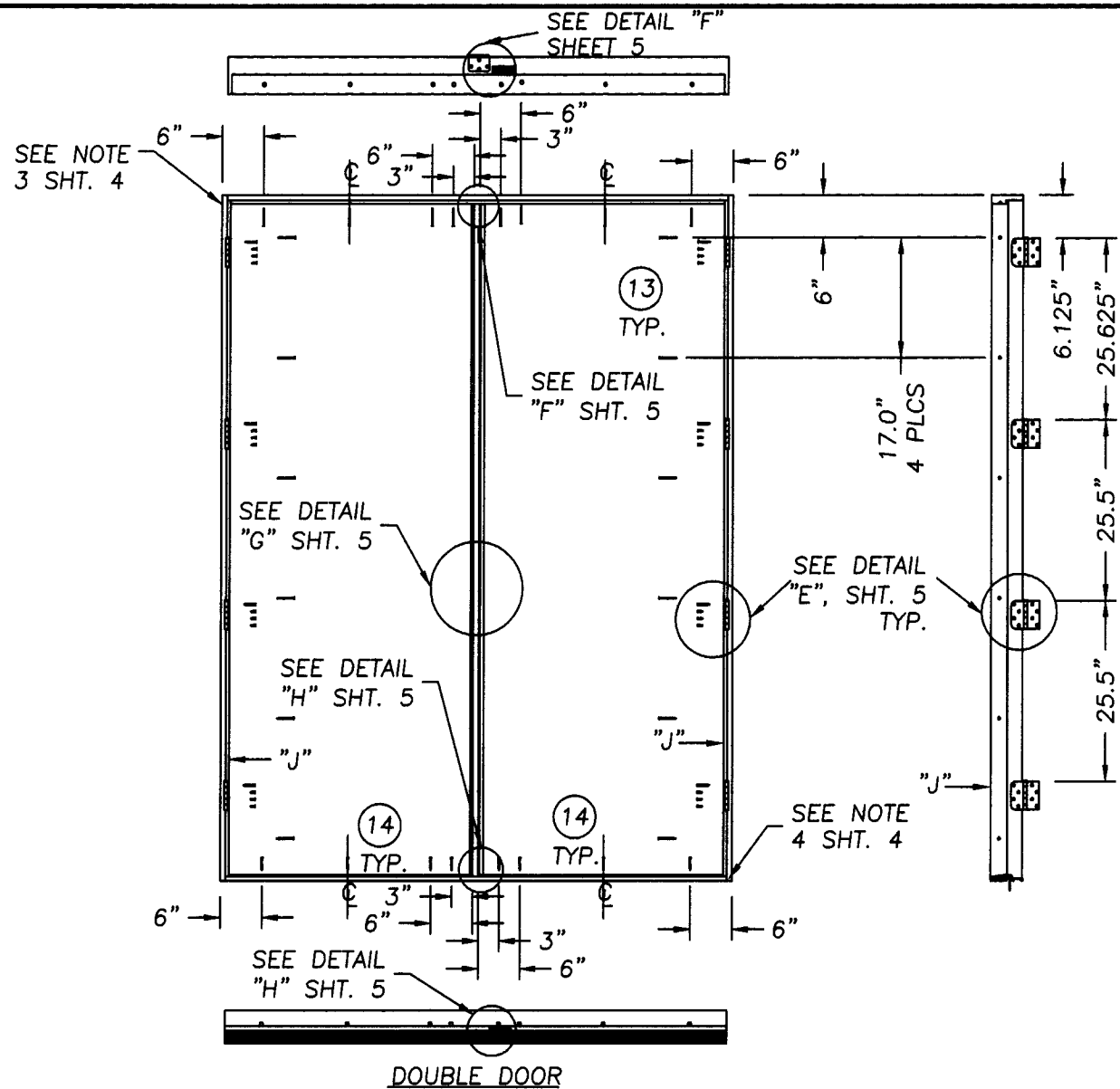
**THERMA-TRU CORPORATION**  
 1687 WOODLANDS DRIVE  
 MAUMEE, OHIO  
 PH. (800) 537-8827

PRODUCT: "FIBER CLASSIC"/"SMOOTH STAR" UPTO 105.5" x 8'-0" W&W/OUT 14" SL. OUTSWING  
 PART OR ASSEMBLY: ANCHORING LOCATIONS & GLAZING DETAILS

NO.	DATE	REVISIONS	BY
2	7/18/02	CLARIFY PRESSURES	RW
1	3/18/02	GENERAL REVISION	WLN

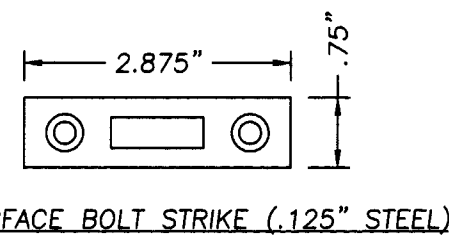
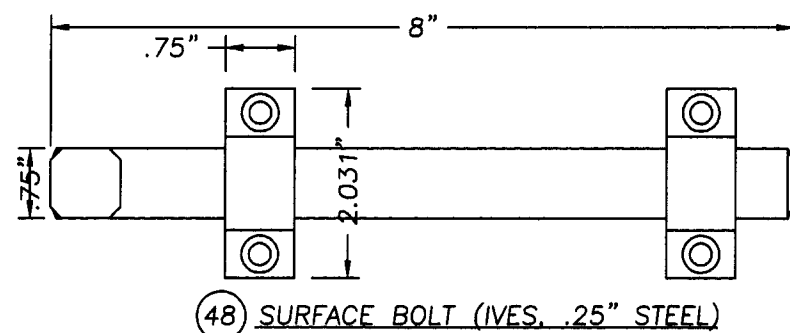
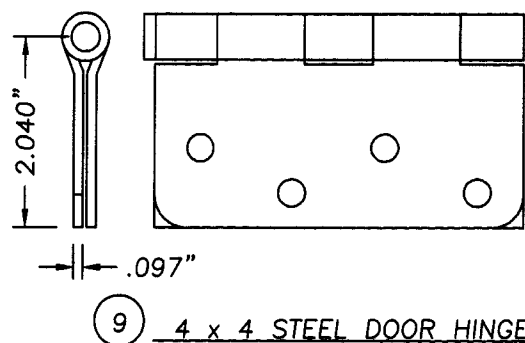
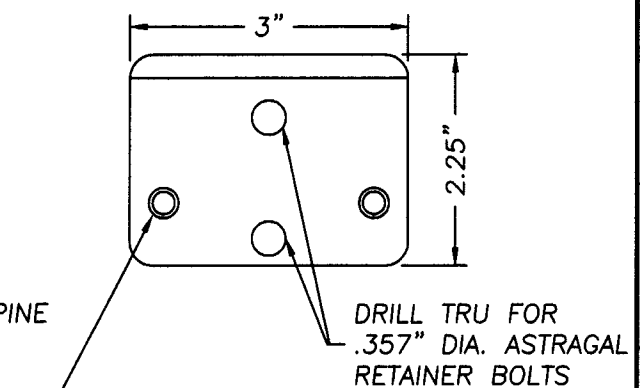
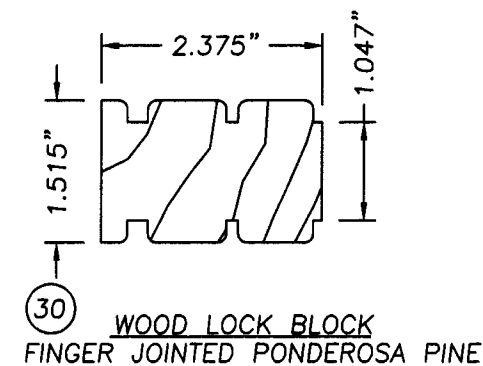
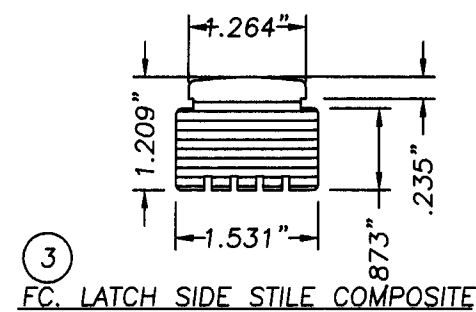
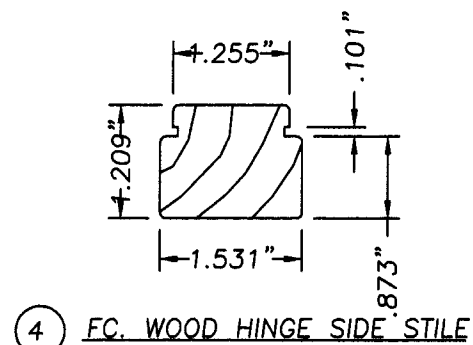
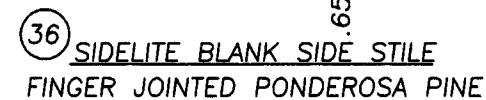
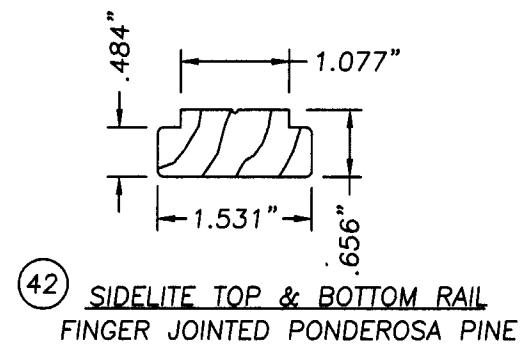
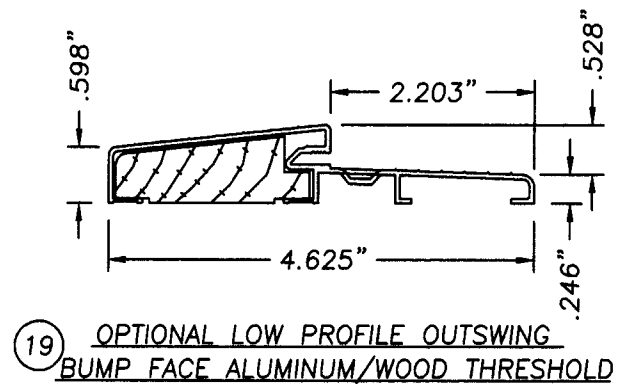
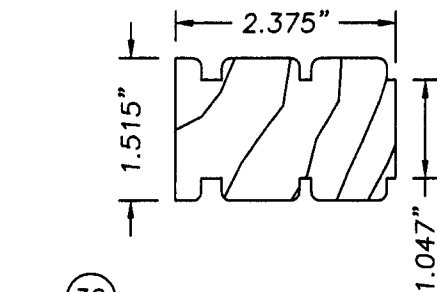
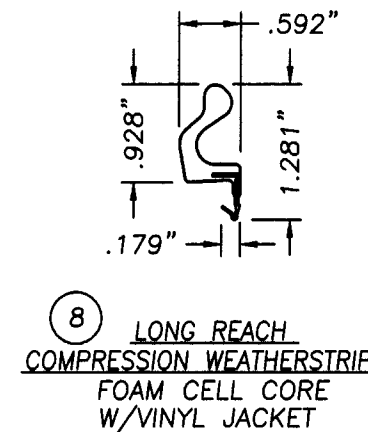
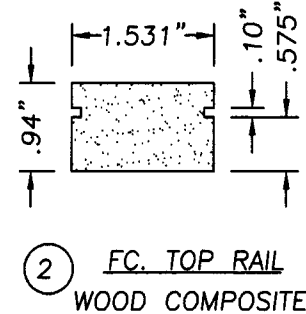
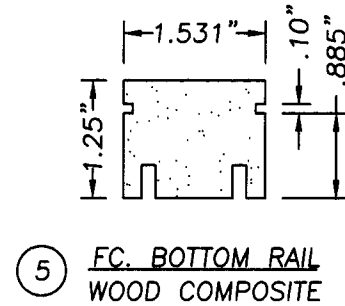
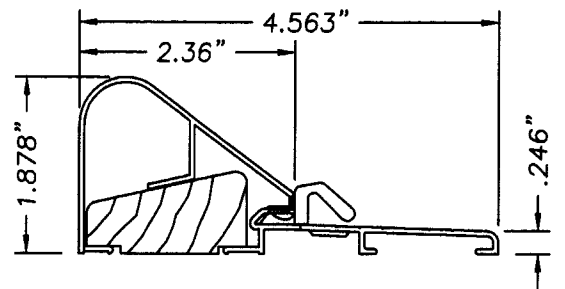
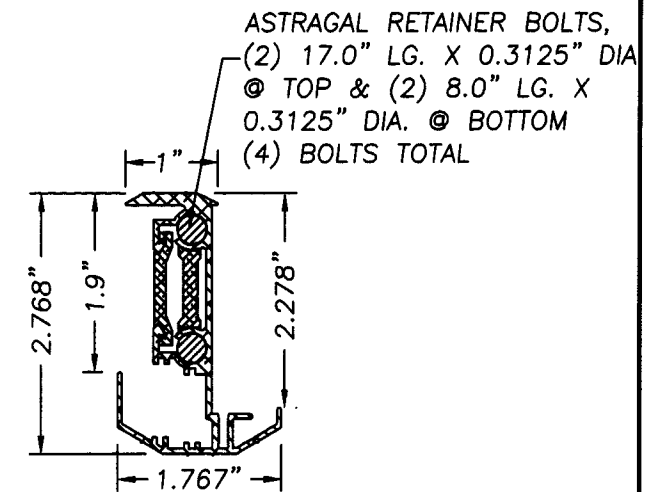
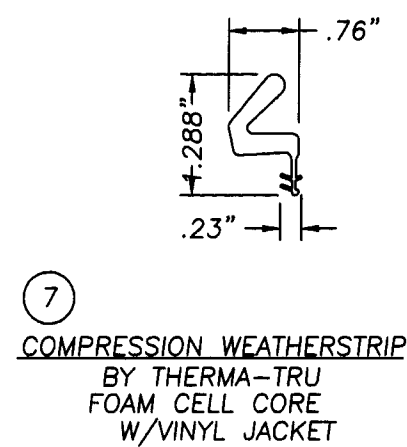
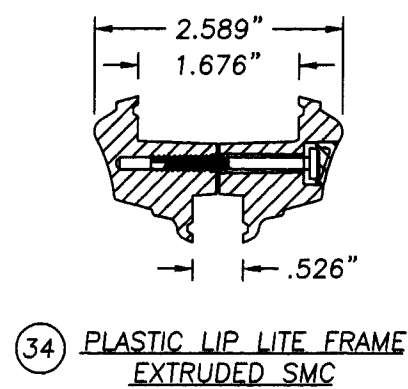
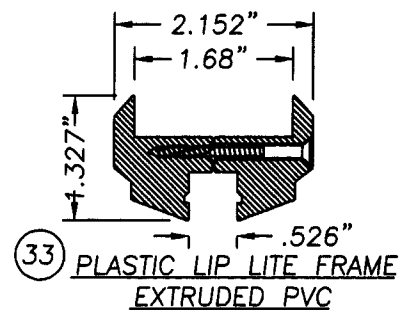
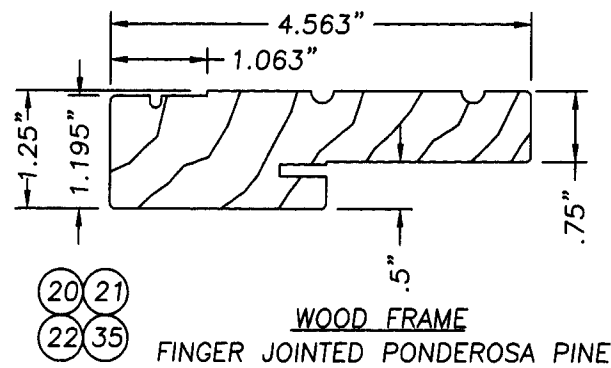
**RW** BUILDING  
 CONSULTANTS, INC.  
 813.684.3831

DATE: 11/08/01  
 SCALE: N.T.S.  
 DWG. BY: WLN  
 CHK. BY: RW  
 DRAWING NO.: S-2097  
 SHEET 6 OF 7



Approved as complying with the  
 Florida Building Code  
 Date: SEPT. 12, 2002  
 NOA# 02-0109-03  
 Miami Dade Product Control  
 Division  
 By: Maumee





DRILL TRU FOR A #8  
PFH WOOD SCREW 2PLCS  
WINDJAMBER II WR80T STRIKE PLATE

Approved as complying with the  
Florida Building Code  
Date SEPT. 12, 2007  
NOA# 02-D109.03  
Miami Dade Product Control  
Division  
By Manuel Jery

THERMA-TRU CORPORATION  
1687 WOODLANDS DRIVE  
MAUMEE, OHIO  
PH. (800) 537-8827

PRODUCT: "FIBER CLASSIC"/"SMOOTH  
STAR" UPTO 105.5" x 8-0  
W&W/OUT 14" SL, OUTSWING  
PART OR ASSEMBLY:  
UNIT COMPONENTS

NO.	DATE	REVISIONS	BY
2	7/18/02	CLARIFY PRESSURES	RW
1	3/18/02	GENERAL REVISION	WLN

RW BUILDING  
CONSULTANTS, INC.  
813.684.3831

DATE: 11/08/01  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2097  
SHEET 7 OF 7